

FIGURE 1A

1 AGATCCGGGCGCCCACTGGGGCCCCATGAGGAGCCGCGAGCCGCCCGCCACACGAG
60
 61 CATGGCCTTACTGGCAGCCAGCAC'TCCGGGCCCCCTCCGGCGCCGGCCACCTGGCGG
120
 121 GACTTCTCCGGGCGCACGGCGGCCGTGCTCTCCTTCAGCACCGTGGCGACCGCGGGGCT
180
 181 GGGGAACCTGAGCGACGCAAGCGGAGGGCGGCACAGCTGCCGCTCCCGGTGGCGGGGCCCT
240
 241 TGGCGGCTCCGGGGCAGCGCGGAGGGCGGGCGCGGTGAGGCGGCCGCTAGGCCCGGA
300
 301 GGCGGGCCGCTGCTGTGCGACGGAGCTGCAGTGGCGGCCCCAGGCGCTCGTCTCCTGCT
360
 361 CATCTTCCTGCTGTCTAGCCTTGGCAA CTGCGCGGTGATGGGGGTGATGTGAAGCACCG
420
 421 GCAGTCCGCACCGTCACCAACGCCCTTCATCCTGTGCTGTGCCATTCGGATCTGCTCAC
480
 481 GGCGCTGCTCTGCTGCCCGCCCTTCCTGGACCTCTTCACTCCGCCCGGGGGTTCGGC
540
 541 GCCTGCCGCCCGGGGGCCCTGGCGGGCTTCTGGCGGCCAGCCGCTTCTTCAGCTC
600
 601 GTGCTTCGGCATCGTGTCCACGCTACGCTGGCGCTCATCTCGTTGGACCGTACTGCGC
660

FIGURE 1B

661	TATCGTGGGCGCGGGAGAGATCGGCCGCCGCGCGCTGCAGCTGCTGGCGGG	720
721	CGCCTGGCTGACGGCCCTGGGCTTCTCCTTGCCCTGGGAGCTGCTCGGGGCGCCCCGGGA	780
781	ACTCGGGCGGCGAGAGCTTCCACGGCTGCCCTCTACCGGACCTCCCCGGACCCCGCGCA	840
841	GCTGGGCGGGCCTTTCAGCGTGGGGCTGGTGGCCCTGCTACCTGCTGCCCTTTCCTGCT	900
901	CATGTGCTTCTGCCACTACCACTCTGCAAGACGGTGCGCCTGTTCGGACGTGCGCGTGGC	960
961	GCCGGTGAACAACCTACGGCGCGTGCTGCGCTTCTTCAGCGAGGTGCGCACGGGCCACCAC	1020
1021	CGTCCTCATCATGATCGTCTTCGTCACTCGTGTGCGGGGCCCTACTGCTTCCTGGTGCT	1080
1081	GCTGGCGCGCGCCGGCAGGCCCAAGACCATGCAGGCCCCCTCGCTCCTCAGCGTGGTGGC	1140
1141	CGTCTGGCTGACCTGGGGCCAATGGGGCCATCAACCCCTGTCACTACGCCCATCCGCAATCC	1200
1201	CAACATTTTCGATGCTCCTTAGGGCGCAACCGCGAGGAGGGCTACCGGACTAGGAATGTGGA	1260
1261	CGCTTTCTGCCCCAGCCAGGGCCCCGGGTCTGCAAGCCAGAAAGCCGAGTCGCCTTCGAAA	1320

FIGURE 1C

1321	CCGCTATGCCAACCGGCTGGGGGCTGCAACAGGATGTCTCTTCCAACCCGCCAGCGG	1380
1381	AGTGGCAGGGACGTGGCCATGTGGCCCGCAAAAATCCAGTTGTACTTTTCTGCCGAGA	1440
1441	GGGACCACCAAGAGCCGGTGACGGCAGTGACCAAAACAGCCTAAATCCGAAGCTGGGGATAC	1500
1501	CAGCCTCTAAGACGGTTGGAATGGCCAGCTTATGAA	1536

FIGURE 2A

1	M	E	E	P	Q	P	P	R	P	A	S	M	A	L	L	G	S	Q	H	20
121	S	G	A	P	S	A	A	G	P	P	G	G	T	S	S	A	A	T	A	40
141	V	L	S	F	S	T	V	A	T	A	A	L	G	N	L	S	D	A	S	60
161	G	G	T	A	A	A	P	G	G	G	L	G	G	S	G	A	A	R	E	80
181	A	G	A	A	V	R	R	P	L	G	P	E	A	A	P	L	L	S	H	100
101	A	A	V	A	A	Q	A	L	V	L	L	L	I	F	L	L	S	S	L	120
121	N	C	A	V	M	G	V	I	V	K	H	R	Q	L	R	T	V	T	N	140
141	F	I	L	S	L	S	L	S	D	L	L	T	A	L	L	C	L	P	A	160
161	F	L	D	L	F	T	P	P	G	G	S	A	P	A	A	A	A	G	P	180
181	R	G	F	C	A	A	S	R	F	F	S	S	C	F	G	I	V	S	T	200
201	S	V	A	L	I	S	L	D	R	Y	C	A	I	V	R	P	P	R	E	220

FIGURE 2B

221 I G R R A L Q L L A G A W L T A L G F 240
 241 S L P W E L L G A P R E L A A Q S F H 260
 261 G C L Y R T S P D P A Q L G A A F S V G 280
 281 L V V A C Y L L P F L L M C F C H Y H I 300
 301 C K T V R L S D V R V R P V N T Y A R V 320
 321 L R F F S E V R T A T T V L I M I V F V 340
 341 I C C W G P Y C F L V L L A A A R Q A Q 360
 361 T M Q A P S L L S V V A V W L T W A N G 380
 381 A I N P V I Y A I R N P N I S M L L G R 400
 401 N R E E G Y R T R N V D A F L P S Q G P 420
 421 G L Q A R S R S R L R N R Y A N R L G A 440

FIGURE 2C

441	C	N	R	M	S	S	S	N	P	A	S	G	V	A	G	D	V	A	M	W	460
461	A	R	K	N	P	V	V	L	F	C	R	E	G	P	P	E	P	V	T	A	480
481	V	T	K	Q	P	K	S	E	A	G	D	T	S	L							494